

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/644,226
Filing Date	August 19, 2003
First Named Inventor	Sivaram Krishnan
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	16869A-003510US

Total Number of Pages in This Submission

7 \*\*

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): USPTO forms SB08A & B (4 pages), copies of foreign patent publications cited and non-patent references, Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
** The total number of pages in this submission does not include the references.		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Townsend and Townsend and Crew LLP	Reg. No. 37,478
Signature		
Date	September 19, 2003	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Cynthia McKinley		
Signature		Date	September 19, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SEP 22 2003  
JC53  
PATENT & TRADEMARK OFFICE



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Sivaram Krishnan et al.

Application No.: 10/644,226

Filed: August 19, 2003

For: PROCESSOR ARCHITECTURE  
FOR EXECUTING TWO DIFFERENT  
FIXED-LENGTH INSTRUCTION SETS

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

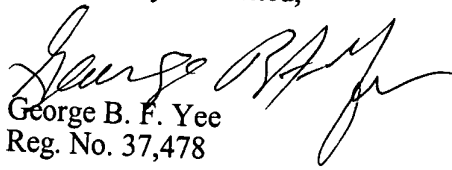
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the foreign patent references and non-patent references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
George B. F. Yee  
Reg. No. 37,478

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60033390 v1

SEP 22 2003

PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

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Filing Date	August 19, 2003
First Named Inventor	Sivaram Krishnan
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	16869A-003510US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	1	US-5,930,833	07-27-1999	Yoshioka, et al.	
	2	US-6,425,039	07-23-2002	Yoshioka, et al.	
	3	US-5,907,867	05-25-1999	Shinbo et al.	
	4	US-2002/0116599	08-22-2002	Uminaga et al.	
	5	US-5,530,965	06-25-1996	Kawasaki et al.	
	6	US-5,608,881	03-04-1997	Masumura et al.	
	7	US-5,774,701	06-30-1998	Matsui et al.	
	8	US-5,778,237	07-07-1998	Yamamoto et al.	
	9	US-5,832,248	11-03-1998	Kishi et al.	
	10	US-5,835,963	11-10-1998	Yoshioka et al.	
	11	US-5,848,247	12-08-1998	Matsui et al.	
	12	US-5,884,092	03-15-1999	Kiuchi et al.	
	13	US-5,930,523	07-27-1999	Kawasaki et al.	
	14	US-5,682,545	10-28-1997	Kawasaki et al.	
	15	US-3,577,189	05-04-1971	John Cocke et al.	
	16	US-5,854,913	12-29-1998	Goetz et al.	
	17	US-5,918,031	06-29-1999	Morrison et al.	
	18	US-6,430,674	08-06-2002	Trivedi et al.	
	19	US-5,638,525	06-10-1997	Hammond et al.	
	20	US-6,088,793	07-11-2000	Liu et al.	
	21	US-5,596,734	01-21-1997	Ferra	
	22	US-5,627,842	05-06-1997	Brown et al.	
	23	US-5,704,034	12-30-1997	Circello	
	24	US-5,708,773	01-13-1998	Jeppesen, III et al.	
	25	US-5,737,516	04-07-1998	Circello et al.	
	26	US-5,768,152	06-16-1998	Battaline et al.	
	27	US-5,771,240	06-23-1998	Tobin et al.	
	28	US-5,781,558	07-14-1998	Inglis et al.	
	29	US-5,828,825	10-27-1998	Eskandari et al.	
	30	US-5,944,841	08-31-1999	Christie	
	31	US-5,950,012	09-07-1999	Shiell et al.	
	32	US-6,272,453	08-07-2001	Hoerig et al.	
	33	US-6,256,658	07-03-2001	Mourney et al.	
	34	US-6,091,629	07-18-2000	Osada	
	35	US-6,092,172	07-18-2000	Nishimoto	
	36	US-6,038,582	03-14-2000	Arakawa et al.	
	37	US-5,983,017	11-09-1999	Kemp et al.	
	38	US-5,983,379	11-09-1999	Warren	
	39	US-5,978,874	11-02-1999	Singhal et al.	
	40	US-5,978,902	11-02-1999	Mann	
	41	US-5,956,477	09-21-1999	Ranson et al.	

Examiner  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-03)

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(use as many sheets as necessary)

Sheet 2 of 4

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		Number	Kind Code <sup>2</sup> (if known)			
	42	US-5,918,045		06-29-1999	Nishii, et al.	
	43	US-5,867,726		02-02-1999	Ohsuga, et al.	
	44	US-5,860,127		01-12-1999	Shimazaki, et al.	
	45	US-5,796,978		08-18-1998	Yoshioka, et al.	
	46	US-5,794,010		08-11-1998	Worrell et al.	
	47	US-5,751,621		05-12-1998	Arakawa	
	48	US-5,724,549		03-03-1998	Selgas et al.	
	49	US-5,657,273		08-12-1997	Ayukawa, et al.	
	50	US-5,613,153		03-18-1997	Animilli et al.	
	51	US-5,598,551		01-28-1997	Barajas et al.	
	52	US-5,590,354		12-31-1996	Klapproth et al.	
	53	US-5,570,375		10-29-1996	Tsai et al.	
	54	US-5,488,688		01-30-1996	Gonzales et al.	
	55	US-5,483,518		01-09-1996	Whetsel	
	56	US-5,479,652		12-26-1995	Dreyer et al.	
	57	US-5,455,936		10-03-1995	Maemura	
	58	US-5,452,432		09-19-1995	Macachor	
	59	US-5,434,804		07-18-1995	Bock et al.	
	60	US-5,423,050		06-06-1995	Taylor et al.	
	61	US-5,386,565		01-31-1995	Tanaka et al.	
	62	US-5,251,311		10-05-1993	Kasai	
	63	US-5,448,576		10-29-1992	Russell	
	64	US-5,440,705		04-30-1990	Wang et al.	
	65	US-4,814,981		03-21-1989	Rubinfeld	
	66	US-6,023,757		02-08-2000	Nishimoto	
	67	US-6,038,661		03-14-2000	Yoshioka et al.	
	68	US-6,023,757		02-08-2000	Nishimoto et al.	
	69	US-6,038,582		03-14-2000	Arakawa et al.	
	70	US-5,862,387		01-19-1999	Songer et al.	
	71	US-5,896,550		04-20-1999	Wehunt et al.	
	72	US-5,953,538		09-14-1999	Duncan et al.	
	73	US-5,682,545		10-28-1997	Kawasaki et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	74	EP	0 959 411		11-24-1999			
	75	EP	0 945 805		09-29-1999			

Examiner Signature		Date Considered	
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Sheet 3 of 4

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	76	EP	0 933 926		08-04-1999			
	77	EP	0 747 808		12-11-1996			
	78	EP	0 720 092		07-03-1996			
	79	EP	0 702 239		03-20-1996			
	80	EP	0 636 976		02-01-1995			
	81	EP	0 165 600		11-21-1991			
	82	EP	0 324 308		07-19-1989			
	83	EP	0 199 173		10-29-1986			
	84	JP	10-177520		06-30-1998			abstract only
	85	JP	10-124484		05-15-1998			abstract only
	86	JP	10-106269		04-24-1998			abstract only
	87	JP	09-311786		12-02-1997			abstract only
	88	JP	09-212358		08-15-1997			abstract only
	89	JP	08-329687		12-13-1996			abstract only
	90	JP	08-320796		12-03-1996			abstract only
	91	PCT	WO98/13759		02-04-1998			
	92	PCT	WO 97/27537		07-31-1997			
	93	SG	9702738-7		07-31-1997			

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Sheet 4 of 4

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First Named Inventor	Krishnan, Sivaram
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	16869A-003510US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	94	Young et al., "A Simulation Study Of Architectural Data Queues And Prepare-To-Branch Instruction," IEEE, New York, pp. 544-549, CH2080-0/84/0000/0544 (1984).	
	95	Richard York; Real Time Debug for System-on-Chip Devices; June 1999; Pages 1-6	

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